



PATIENT PRESENTING CLINICAL SIGNS

Mya Hutchinson History: Weakness/ ataxia on HLs, reduced conscious proprioception, muscle wastage on RH + + + +, patella luxation RH.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE THORACIC & LUMBAR SPINE & STIFLE JOINTS

Canine A high resolution plain and myelographic CT study of the thoracic & lumbar spine and a plain CT study of the stifle joints are provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

French Bulldog THE LAST RIB BEARING VERTEBRA IS COUNTED AS T13.

SEX

Female

T5, T13 and L7 present as hemivertebra. The vertebral endplates T12/T13 and T13/L1 present bridging spondylosis formation. Multiple intervertebral discs along the thoracic and lumbar spine present mild central punctuate mineralization.

AGE

2 Years

After intrathecal contrast administration, the subarachnoid space is distorted ventrally level with T12/T13 to L1/L2 due to mild dorsal protrusion of the respective intervertebral discs. The spinal cord has the expected diameter throughout the thoracic and lumbar spine.

The osseous and surrounding soft tissue structures of the pelvis are within normal limits. Both coxofemoral joints present very mild osteophyte new bone formation.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

The volume of the musculature of the right hind limb is generalized decreased.

The periarticular bones of both stifle joints present moderate osteophyte new bone formation and mild intracapsular soft tissue swelling of the stifle joints is appreciated. A TPLO implant is noted at the medioproximal aspect of the left tibia. The osteotomy of the left tibia is filled with trabecular bone.

HOSPITAL NAME

Animal Trust- Bolton

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Animal Trust

- Degenerative osteoarthritis stifle joints bilaterally
- Mild articular swelling stifle joints bilaterally
- History of surgical management of left sided cranial, cruciate ligament pathology by TPLO – the osteotomy is in the remodeling phase
- Disuse atrophy musculature right hind limb
- Hemivertebra T5, T13 and L7
- Mild intervertebral disc protrusion T12/Th13, T13/L1 and L1/L2 without compressive myelopathy
- Spondylosis deformans

INVOICE

23409

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

7/14/23



PATIENT Mya Hutchinson
The CT study of the thoracic & lumbar spine reveals no clinically relevant abnormality, explaining the described neurological deficits. However, ischemic myelopathy (e.g. fibrocartilaginous embolism) or acute non-compressive nucleus pulposus extrusion might be considerations.

SPECIES Canine
The disuse atrophy of the musculature of the right hind limb in combination with the degenerative joint disease of the right stifle joint are suggestive for pathology of the cranial cruciate ligament ± meniscal pathology.

Canine

BREED

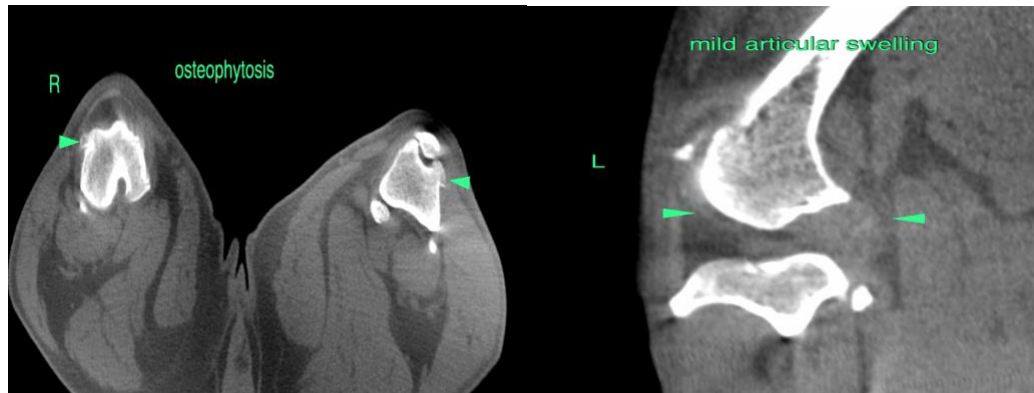
French Bulldog

SEX

Female

AGE

2 Years



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

INTERPRETED BY

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Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
info@sonopath.com

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